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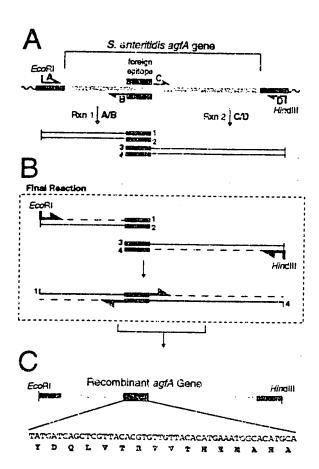


Figure 1A, 1B and 1C

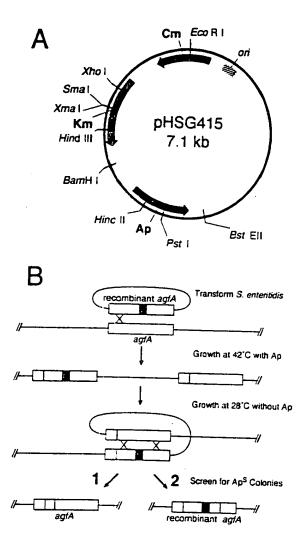


Figure 2A and 2B

# A PT3 epitope of L. major YDQLVTRVVTHEMAHA

### B AgfA amino acid sequence

C5e	113	A1 SSVMVRQ VGFG NNATANQ Y	131
C5d	91	A10 A7 A1  SDITVGQ YGGN NAALVNQ TASI * <***	
C5c	68	A9 A6 A10  STIELTQ NGFR NNATIDQ WNAKN	• •
C5b	46	A8 A5 A9  SETTITO SGYG NGADVGO GADN  *<<* * ****	•
C5a	23	A4 A8 STLSIYQ YGSA NAALALQ SDARK	45
n	1	A3 GVVPQWGGGGNENGGGNSSGPD	22

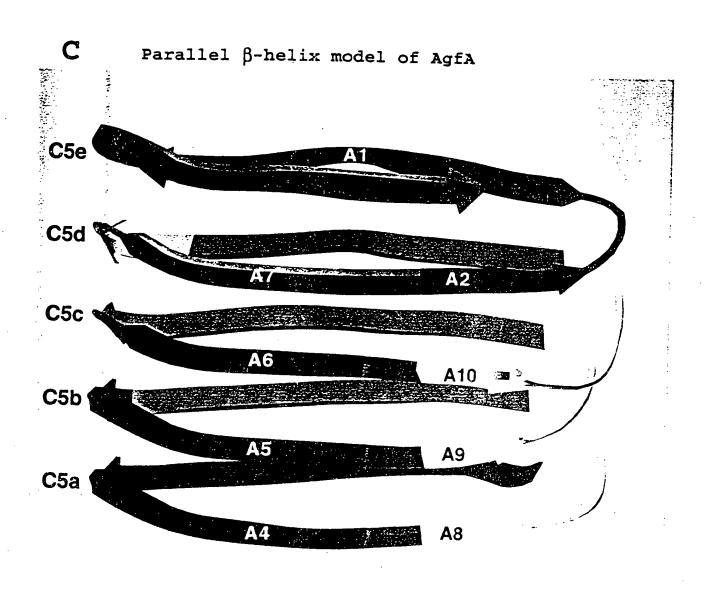


Figure 3C

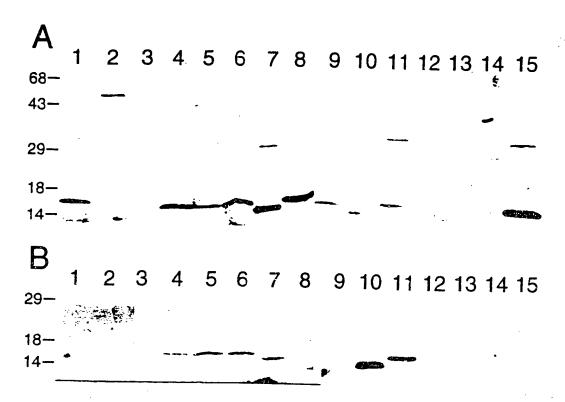


Figure 4A and 4B

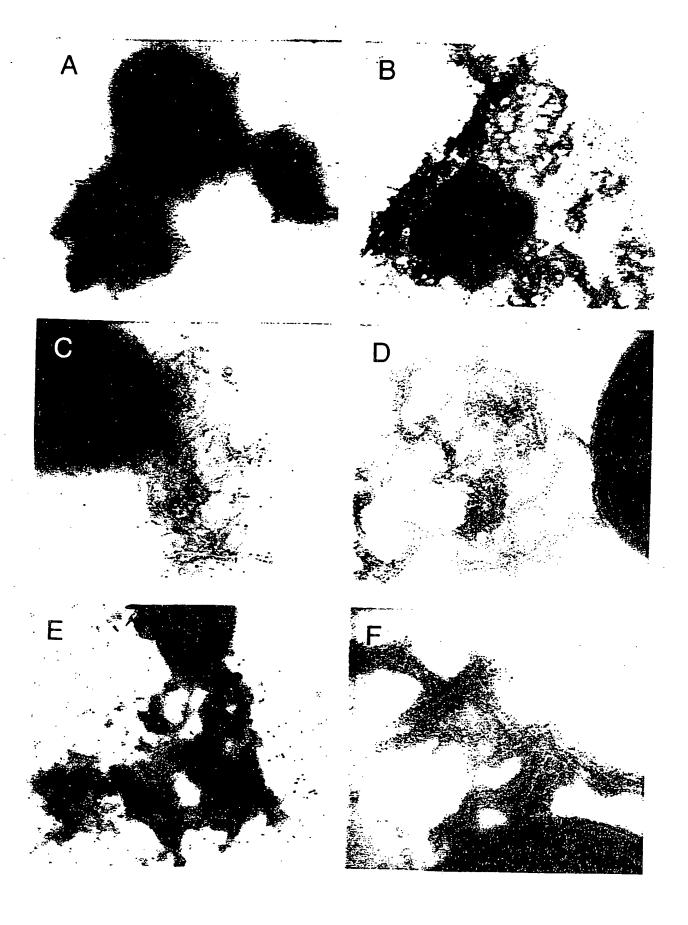


Figure 5A, 5B, 5C, 5D, 5E and 5F



Figure 7

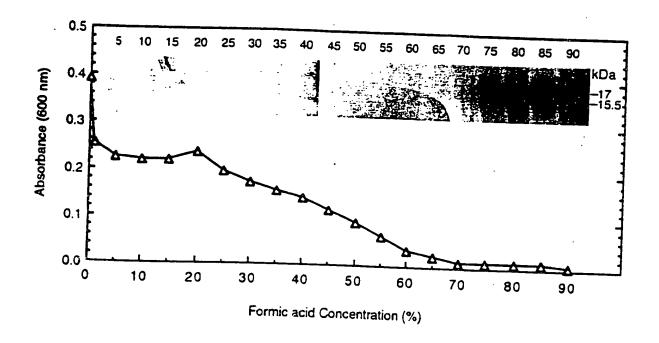


Figure 8

Figure 7 and Figure 8

	C2b (44)	C5c (23) C5d (24) C5e (19)
22) C (109)	2) C2a (45)	2) C5a (23) C5b (24) C5
Z	Z	Z

**a** 

Σ N O V S S <u>ہ</u> GYGNG Z o O Ø 43 88 C2a C2b

 $\Box$ ۰ O တ S Z O Q g Z GNH G G Q VVPQW G Z

A L A L Q S D A R K A D V G Q — G A D N A T ! D Q W N A K N I L V N Q — T A S D A N Q ≺ Y Q Y G S A N A P P S G Y G N G A D V F T Q N G F R N N A T P Y G Q Y G G N N A A L P Y G G G N N A A L SIYQYG 23 46 68 91 C5a C<sub>5</sub>b C5c C5d C5d

**(e)** 

A x x x Q (x) x

×

× ×

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×

σ

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S

**5** 

2

9

- 4 > - > 4 + - - - > 4 - - > - > 4 × o × x S

σ

C5a C5b C5c C5c C5d

Figure 9A, 9B, 9C, 9D, 9E

nnp

```
1 GVVPOWGGGGNHNGGGNSSGPD
  alx cccccccccccccccccc
  hie cceccccccccccccccc
 gib өөөөөссссөөсссссссс
 nnp
 23 STLSIYQ YGSA
 alx ceeeeee
             cccc
             cccc
                  hhhhhhh
             9 C C C
                           hhhhh
             echh
                  hhhhhhh
                           hhhhc
 46 SETTITO
            SGYG NGADYGO
                            GADN
 alx cceeeec
                            cccc
                            cccc
            e e c c
                            cccc
 ппр
 68 STIELTO NGFR NNATIDO WNAKN
 aix ceeeeec
            tttc
                 ссеееее
           hcce
                 cchhhhh
rinp
     eehh
91 SDITYGQ YGGN NAALYNQ
                           TASD
alx cceeeec
           CCCC
           CCCC
                           cccc
           tccc
           ессс
                 cheeeee
                   hhhh
113 SSVMVRQ VGFG NNATANO
аіх ссеееее
hie ceeeeee
                ссссее
gib cceeeee
           e e e c
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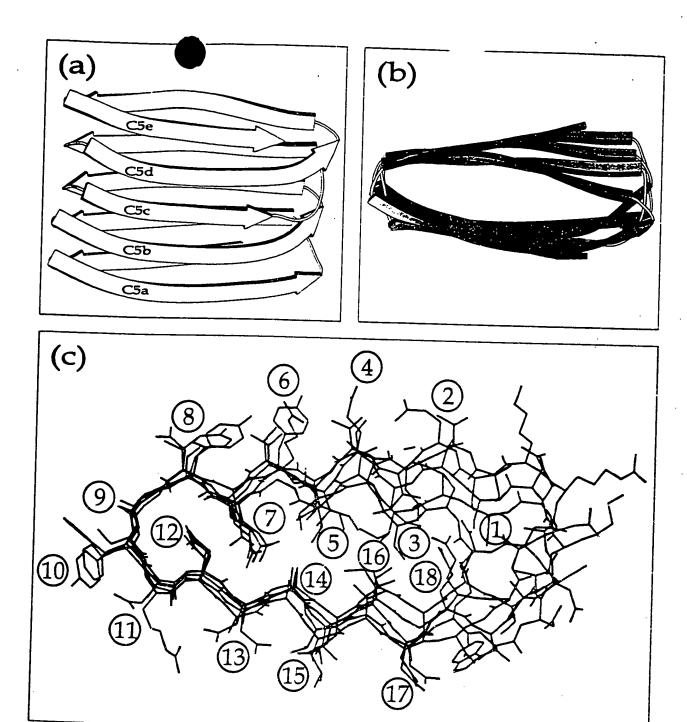


Figure 11A, 11B and 11C

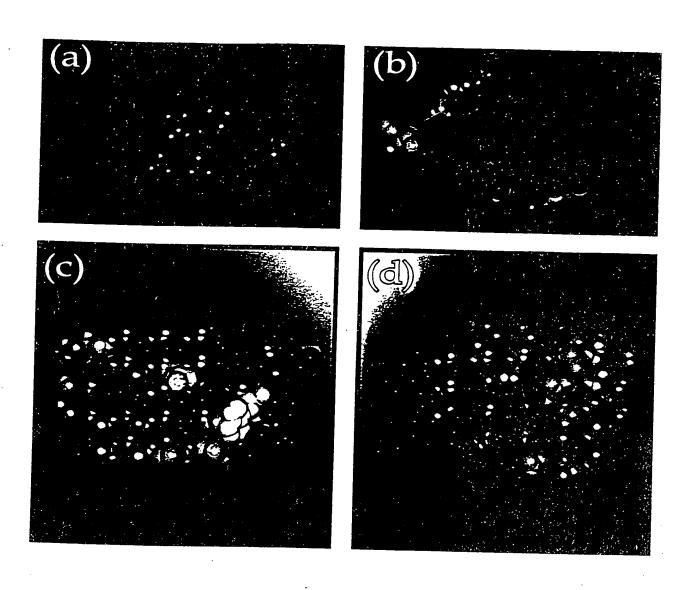
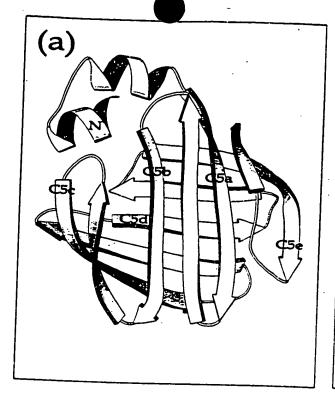


Figure 12 A, 12B, 12C and 12D



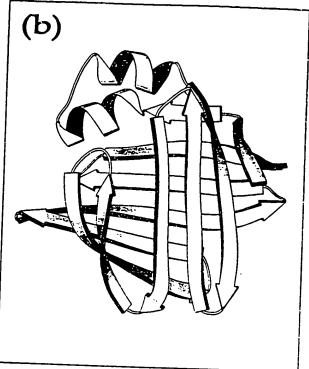
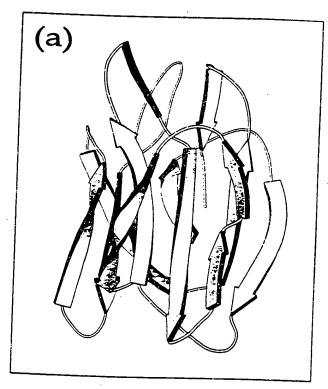


Figure 14A and 14B



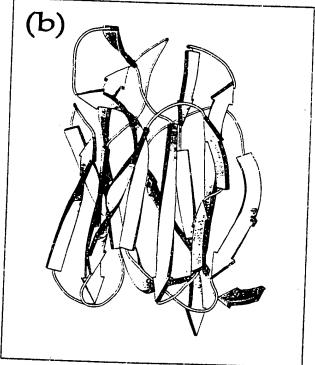
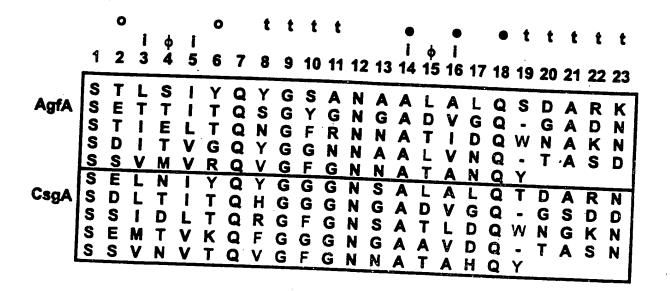
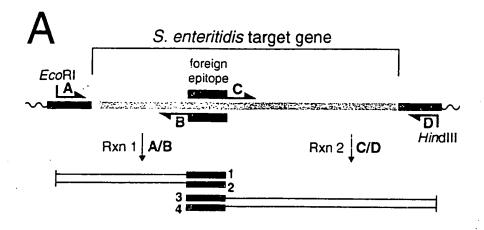


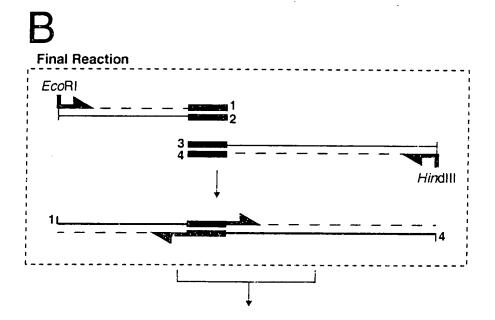
Figure 13A, 13B, 14A and 14B



(a)

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AgfA	23 46 68	S	Ε	T	T	I	T	Q	S	G	Y	G	N	G	A	0	٧	G	Q	G	A	0	N	1			45 67 90
<b>(</b> b)																											
PMP	40 62											T E														L	61 86
AgfA	25 48	L T																							Ε	L	47 72
(c)																											
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	25 70 115	1	1 8	= 1	L -	- '	T (	. ב		- 1	<b>V</b> (	3 S 3 F	= 6	۹ ۶	11	۷,	۹ ٔ	Т	) (	) (	2						40 85
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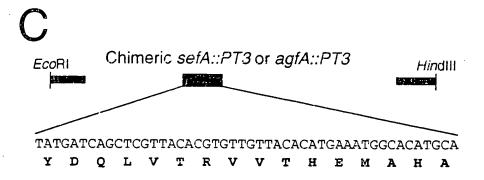
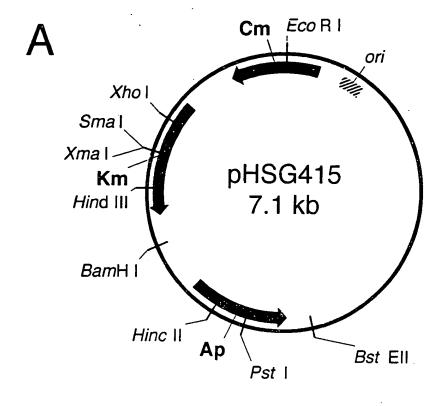


Figure 17A, 17B, 17C



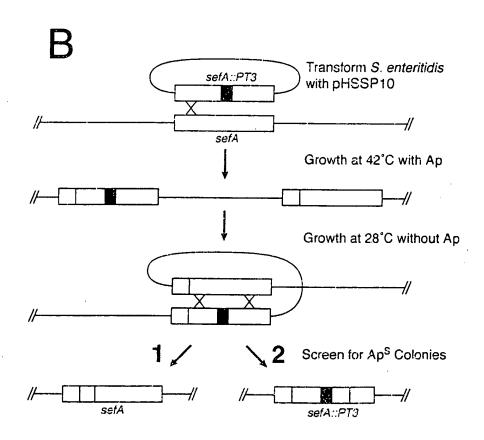


Figure 18A, 18B

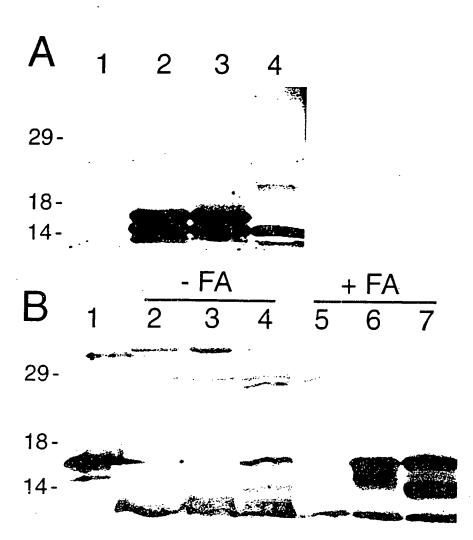


Figure 19A, 19B

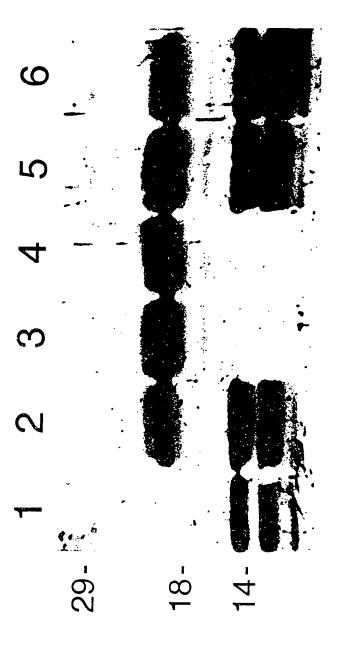


Figure 20

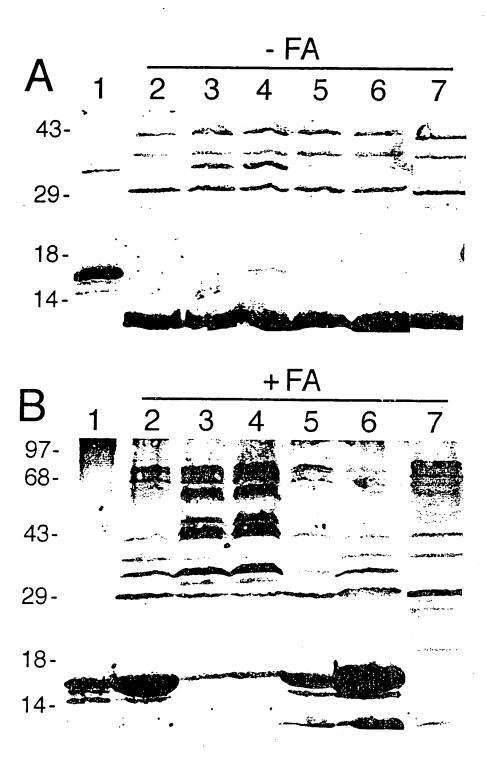


Figure 21A, 21B

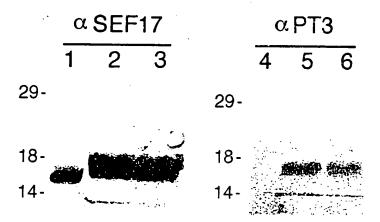


Figure 22

A		PT3 epitope of L. major	
		YDQLVTRVVTHEMAHA	
В		SefA amino acid sequence	
		S1S10	
	1	AGFVGNKAVVQAAVTIAAQNTTSANWSQDP	30
	31	S6 S10 S2 GFTGPAVAAGQKVGTLSITATGPHNSVSIA	60
		S6	
	61	S2 S3 S7 GKGASVSGGVATVPFVDGQGQPVFRGRIQG	90
		<b>s</b> 7	
	91	S8 S4 ANINDQANTGIDGLAGWRVASSQETLNVPV	120
		S5	
		S9 S4	
	121	TTFGKSTLPAGTFTATFYVQQYQN	144

Figure 23A, 23B

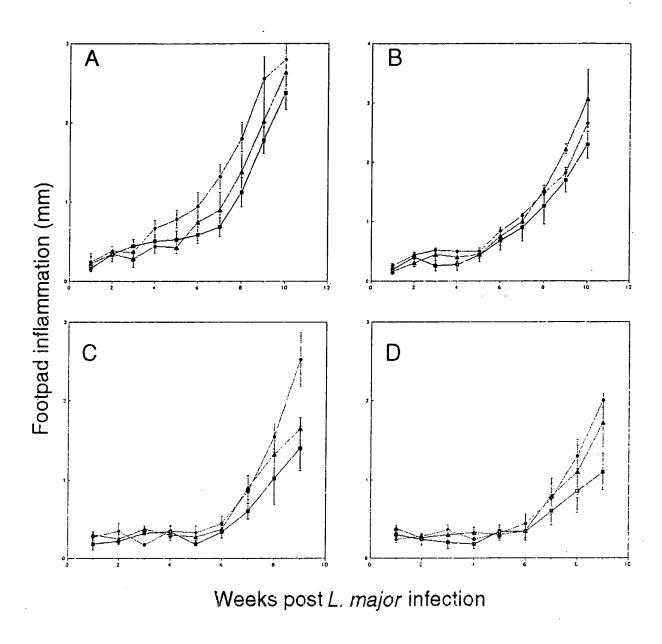


Fig. 24

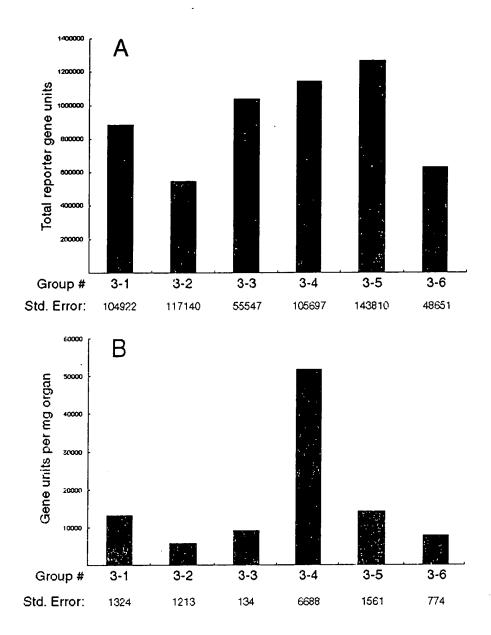
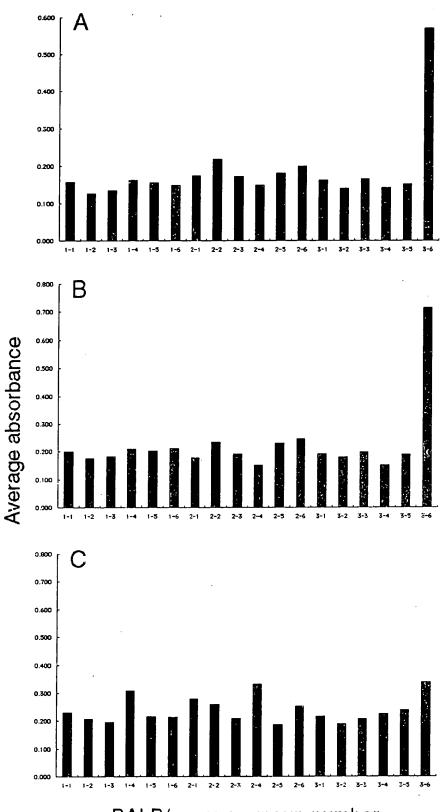


Fig. 25



BALB/c mouse group number *Fig. 26*